

Claims

1. Drawer pull-out guide (10) provided with an automatic retraction device (20) and with a guide rail (12) to be fixed on a carcass wall of a piece of furniture and a running rail (16) which is movably mounted relative to the guide rail (12) and to be fixed on the drawer - optionally with a central rail (18) interposed - wherein a pawl component (24) which is movable between two end positions which are spaced from one another in the direction of movement of the drawer is provided in a pawl housing disposed on one of the two aforementioned outer rails, the pawl component being biased by a spring arrangement (spring 34) into one end position and lockable in the other end position against retraction into the first end position and having a receptacle (26) for a catch (catch 28) which is provided on the other rail and which moves into the receptacle as the rails move relative to each other when approaching the closed position, thereby disengaging the pretensioned movable pawl component from the associated end position so that the pawl component is moved under the effect of spring tension into the first end position and by way of the catch (28) held in the receptacle (26) entrains the rail associated therewith in the direction of retraction of the drawer, a damper (38) which acts on the pawl component (24) being provided on or in the pawl housing (22) to damp and/or slow down the retraction movement of the pawl component, characterised in that an entraining rocker (40) which is coupled to the pawl component (24) and is movable during a final part of the retraction movement of the pawl component is additionally provided in the pawl housing (22) and during the initial displacement path of the pawl component (24) is decoupled therefrom and is retained so that it is secured against longitudinal displacement in the pawl housing (22), and that a separate spring (36) which biases the entraining rocker (40) in the direction of retraction engages on the entraining rocker (40).
2. Drawer pull-out guide with automatic retraction device as claimed in Claim 1, characterised in that the movable pawl component (24) is longitudinally movable in the elongate pawl housing (22) which is U-shaped in cross-section and is guided in the end which is at the front in the direction of retraction of the drawer for locking so as to be pivotable about an axis which extends at right angles to the direction of displacement, and that the entraining rocker is provided in the surface of the pawl component (24) between the inner face of the web of the pawl housing (22) facing the pawl component and the surface within the housing facing it.

3. Drawer pull-out guide with automatic retraction device as claimed in Claim 2, characterised in that in one of the side walls of the pawl housing (22) forming the leg of the U-shaped cross-section in alignment with the entraining rocker (40) a recess (48) which extends in the direction of displacement of the pawl component (24) is provided in which a portion of the entraining rocker (40) can be pivoted into a predetermined displacement position and can be locked against further displacement, and that from the boundary surface of the pawl component (24) facing the entraining rocker (40) an entraining lug (44) projects towards the entraining rocker (40) and in the position of the entraining rocker (40) in which it is not pivoted into the recess (48) of the pawl housing (22) engages in an associated receptacle (46) in the entraining rocker (40) and couples the latter to the pawl component (24) in the position of the entraining rocker (40) in which it is pivoted into the recess (48) but freely comes out of the receptacle (46), as a result of which the pawl component is decoupled from the entraining rocker (40).

4. Drawer pull-out guide with automatic retraction device as claimed in Claim 3, characterised in that an elongate depression or through opening (52) extending in the direction of displacement of the pawl component (24) is provided in the inner surface of the web of the pawl housing (22) in which a lug projecting from the facing flat face of the entraining rocker (40) engages, and that in the end region opposite the lug (50) in the pivoted-out position of the entraining rocker (40) the elongate recess (52) then has a laterally enlarged receiving portion (52a) for the lug (50) into which the lug is moved in the pivoted-out position of the entraining rocker (40).

5. Drawer pull-out guide with automatic retraction device as claimed in Claim 3 or 4, characterised in that the end surfaces (46) of the receptacle in the entraining rocker (40) are constructed as oblique surfaces extending obliquely with respect to the direction of displacement of the pawl component (24) in such a way that during displacement of the pawl component (24) in the drawer pull-out direction the entraining lug (44) projecting from the pawl component (24) slides on the associated oblique surface and pivots the entraining rocker (40) out into the associated recess (48) but during displacement of the pawl component (24) in the drawer retraction direction on entering the receptacle (46) the entraining lug slides downwards on the associated oblique surface and pivots the entraining rocker (40) back out of the recess (48).